

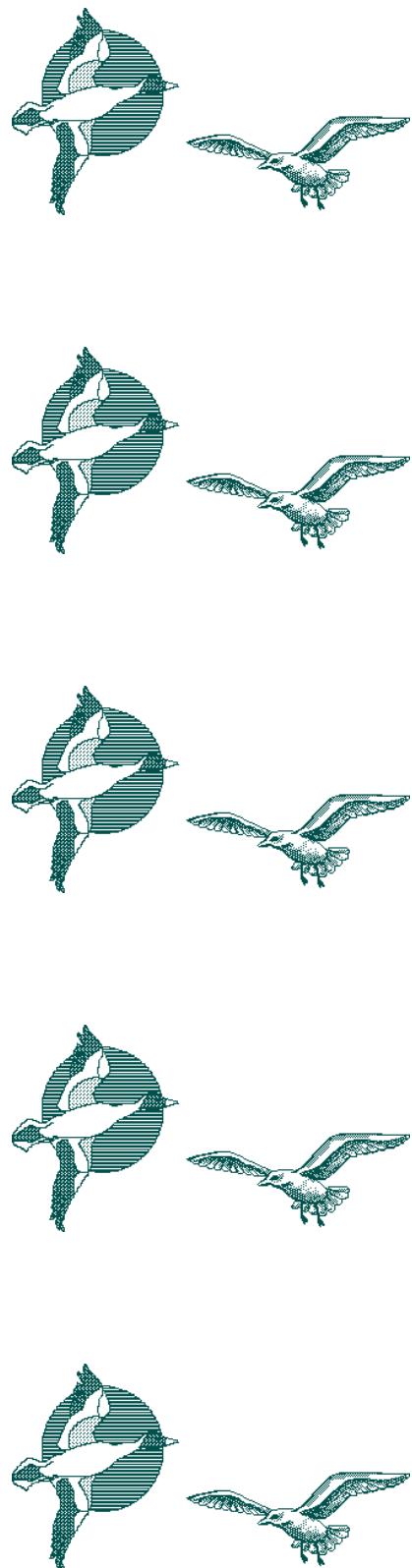


# Water Resources of Monroe County, New York, Water Years 1989-93, with Emphasis on Water Quality in the Irondequoit Creek Basin

## Part 2. Atmospheric Deposition, Ground Water, Streamflow, Trends in Water Quality, and Chemical Loads to Irondequoit Bay

U.S. GEOLOGICAL SURVEY  
Water-Resources Investigations Report 99-4084

Prepared in cooperation with the  
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By DONALD A. SHERWOOD

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U.S. DEPARTMENT OF THE INTERIOR  
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U.S. GEOLOGICAL SURVEY

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## CONVERSION FACTORS AND VERTICAL DATUM

MULTIPLY	BY	TO OBTAIN
<i>Length</i>		
inch (in.)	2.54	centimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
<i>Area</i>		
square mile (mi <sup>2</sup> )	2.59	square kilometer
acre	0.40483	hectare
<i>Flow</i>		
cubic foot per second (ft <sup>3</sup> /s)	0.02832	cubic meter per second
inch per year (in/yr)	25.4	millimeter per year
million gallons per day (Mgal/d)	3.785	cubic meters per day
gallons per minute (gal/min)	0.06309	liter per second
gallons per second (gal/s)	0.0010515	liter per second
<i>Volume</i>		
cubic feet (ft <sup>3</sup> )	0.02832	cubic meters
<i>Temperature</i>		
degrees Fahrenheit (°F)	°C = 5/9 (°F-32)	degrees Celsius
<i>Specific Conductance</i>		
microsiemens per centimeter at 25° Celsius (mS/cm)		
<i>Equivalent Concentration Terms</i>		
milligrams per liter (mg/L) = parts per million		
micrograms per liter (mg/L) = parts per billion		
<i>Load</i>		
Tons per day (tons/d) 907.1 Kilograms per day		
Pounds per square mile 0.175 Kilograms per square kilometer		

Vertical datum: In this report “sea level” refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.